

The Centers for Disease Control and Prevention’s (CDC) recommendations for the cleaning, disinfection, and sterilization of dental equipment can be found in:

Guidelines for Infection Control in Dental HealthCare Settings – 2003 [www.cdc.gov/mmwr/PDF/rr/rr5217.pdf](http://www.cdc.gov/mmwr/PDF/rr/rr5217.pdf)

Guidelines for Disinfection and Sterilization in Healthcare Facilities – 2008 [www.cdc.gov/infectioncontrol/pdf/guidelines/disinfection-guidelines.pdf](http://www.cdc.gov/infectioncontrol/pdf/guidelines/disinfection-guidelines.pdf)

Summary of Infection Prevention Practices in Dental Settings – 2016 <https://www.cdc.gov/oralhealth/infectioncontrol/pdf/safe-care.pdf>

The American Dental Association’s recommendations can be found at: [www.ada.org](http://www.ada.org)

The Organization for Safety and Asepsis Procedures recommendations can be found at: [www.osap.org](http://www.osap.org)

FDA Guidelines for Dental Unit Water Line Maintenance can be found at: [www.fda.gov](http://www.fda.gov)

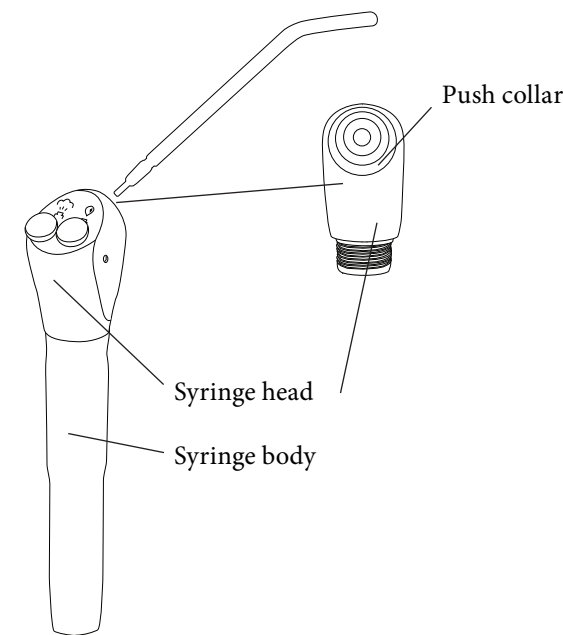


Refer to Forest General Information Operator’s Guide for Glossary of Symbols, Terms, EMC/Electrical Safety Declaration and User Guidance.

**Indications for Use/Intended Use** The Forest Dental Units are intended to serve as a base for ancillary dental devices and accessories by providing air, water, vacuum, and low voltage electrical power to hand-held dental instruments. The Forest Dental Units are intended for use by dental practitioners to provide diagnostic and therapeutic treatment to dental patients in a clinical environment. There are no contraindications for this product.

Overview

**⚠ WARNING:** Forest syringe tips must be used with Forest syringes. Forest does not authorize the use of syringe tips from any other source.

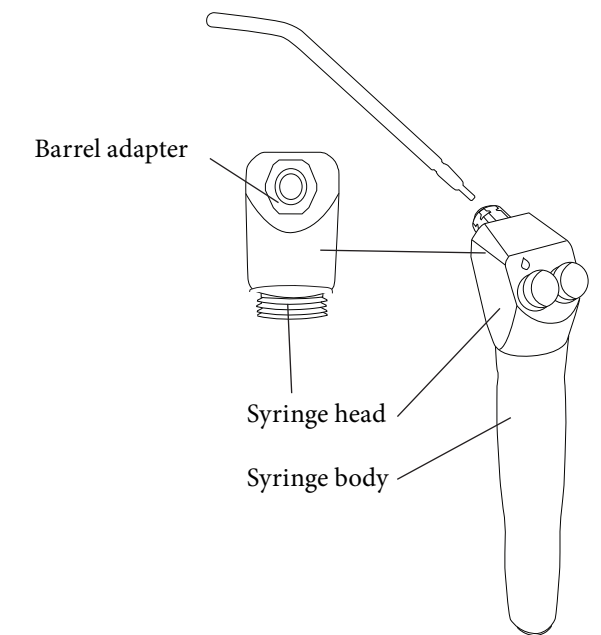
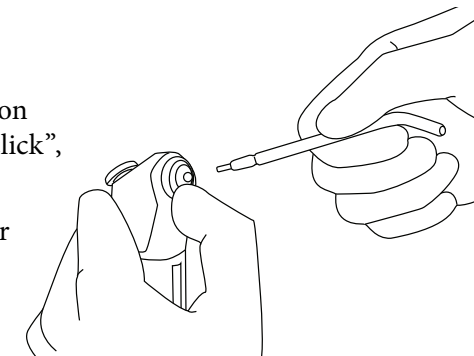


Quick Release Syringe Assembly 1109-010

Changing the Tip:

To remove the syringe tip, press down on the large collar. When you feel a soft “click”, the tip may be pulled straight out.

To insert the syringe tip, hold the collar down and insert the new sterilized tip. Be sure to press it all the way in, and then release the collar.



Forestar-3 Syringe Assembly 1107-086

Changing the Tip:

To remove the syringe tip, firmly grasp tip and pull away from syringe head.

To insert the syringe tip, push the new sterilized tip into the barrel adapter until you feel the barrel engage with the tip.

**⚠ WARNING:** Test the installation of syringe tip by giving a pull on the tip to assure that it is inserted all the way and that the locking mechanism is fully engaged.

## Forest Air/Water Syringe and Syringe Tip

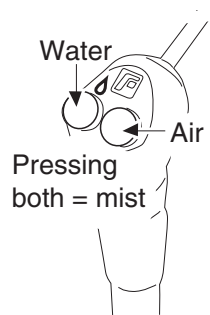
- ⚠ **WARNING:** Always wear gloves when handling contaminated components of the dental unit including used barrier protection and while cleaning, disinfecting and sterilizing clinical contact surfaces. Be sure to change gloves after handling contaminated material or devices.
- ⚠ **WARNING:** Forest syringes (excluding syringe tip) must be operated with FDA-cleared barrier protection (FDA Product Code: PEM) during a procedure following Forest's instruction for use; Forest syringe tip must be sterilized between patients.
- ⚠ **WARNING:** Even with the use of barrier protection, daily clean and then disinfect clinical contact surfaces with an intermediate-level EPA-registered disinfectant (excluding chlorine-based products) with the intended use in healthcare facilities and adhere to manufacturer's instruction for use.
- ⚠ **WARNING:** Always consult the instruction for use and the Safety Data Sheet (SDS) of the disinfectant manufacturer to be aware of any hazards.
- ⚠ **CAUTION:** Disinfectant products should not be used as cleaners unless the label indicates the product is suitable for such use. Ensure the intermediate-level disinfectant product is compatible with the surfaces to which it is being applied. With any disinfectant, daily cleaning with mild dish soap/warm water and wiping dry is required to minimize the harmful effects of chemical disinfectant residues.
- ⚠ **CAUTION:** Forest makes no warranty, expressed or implied, that the use of disinfectants will not damage the surface finish of the equipment. Damage and discoloration of the surface finishes due to chemical disinfection is not covered under warranty.
- ⚠ **CAUTION:** Do not use powdered cleansers or abrasive scrubbers on any dental unit surface. To remove dried-on material, use a soft-bristled brush.
- ⚠ **WARNING:** Follow all local, State and Federal regulations for proper infection control. The Centers for Disease Control and Prevention's recommendations for the cleaning, disinfection, and sterilization of dental equipment: Visit [www.cdc.gov](http://www.cdc.gov) "Guidelines for Infection Control in Dental Health-Care Settings — 2003" and "Summary of Infection Prevention Practices in Dental Settings" as well as The American Dental Association's recommendations can be found at: [www.ada.org](http://www.ada.org).

For questions or additional information on reprocessing your Forest equipment, please contact Forest Technical Support at 800-423-3555.

## Operation

The syringe is an instrument powered by a dental unit intended to supply air and water to the oral cavity of dental patients. Press water button to activate water; press air button to activate air. Pressing both buttons will create a mist.

- ⚠ **WARNING:** Refer to Forest Dental Unit Water Line Maintenance Operator's Guide for detailed procedures on maintaining syringe water line.



Air/Water Syringe

## Syringe Infection Control

### Procedure: Between Patients Replace Barrier Protection and Syringe Tip

1. After patient use, run syringe water for 30 seconds to help prevent cross-contamination between patients.
2. With gloved hands, remove used syringe tip (refer to page 1 for tip removal) for sterilization and dispose of syringe barrier protection.
3. Use clean gloves to install replacement barrier protection on syringe body/head (refer to page 1 for part identification) and sterilized syringe tip with each new patient.

- ⚠ **WARNING:** Forest syringes are provided unsterile. Sterilization of syringe tip is required prior to use.

### Reprocessing Procedure: Between Patients

- ⚠ **WARNING:** Forest syringes (excluding syringe tip) must be operated with FDA-cleared barrier protection (FDA Product Code: PEM) during a procedure following Forest's instructions; Forest syringe tip must be sterilized between patients.

1. Syringe tip must be sterilized before initial use and in between patients using the following parameters.

- ❗ **NOTE:** The Syringe aluminum body and head remain on the tubing (refer to page 1 for part identification).

- ⚠ **CAUTION:** Be sure to rinse all pre-autoclave cleaning agents from components prior to sterilization.

- ⚠ **WARNING:** Sterilization parameters are gravity displacement steam autoclave. Parameters for wrapped (Sterilization Wrap FDA Product Code: FRG) are 132°C (270°F) for 15 minutes at temperature with a 30-minute drying time. Parameters for unwrapped (flash steam sterilization) are 132°C (270°F) for 3 minutes at temperature with a 30-minute drying time. Syringe tip weight: 0.224 oz

2. If visual inspection shows barrier has been physically compromised or barrier did not adequately cover syringe head or body, immediately clean and then disinfect syringe body, head and tubing (refer to page 1 for part identification).
3. When properly using barrier protection, clean and disinfect syringe body, head and tubing at the end of day following End of Day procedure.

### Reprocessing Procedure: End of Day, Between Patients when Barrier is Compromised and High-Risk Patients

1. Dental unit can remain on. After syringe tip is removed for sterilization (refer to page 1 for tip removal) using a product labeled as a cleaner (or a solution of mild dish soap/warm water) applied to a wipe or soft paper towel, clean contact surfaces and remove visible soil/debris and contaminants from syringe body, head and syringe tubing (refer to page 1 for part identification).
2. Detach (by unscrewing) the syringe head from the syringe body (both remain on tubing).
3. Disinfect syringe body, head and syringe tubing using an intermediate-level EPA-registered disinfectant (excluding chlorine-based products) with the intended use in healthcare facilities (such as CaviWipes™). Be sure to wipe around the threads and inside of the parts. Slide syringe body down tubing as necessary to adequately expose all areas to disinfectant.
4. Contrary to disinfectant label instructions for dwell time, allow disinfectant to remain wet on parts for at least a 4-minute dwell (contact) time. Increased dwell time is due to various material and porosity types of Forest units. Use multiple wipes to adequately wipe each surface and in order to keep surface visibly wet for the entire time. Allow surface to air dry for no less than 1 minute.
5. After one minute if still wet, wipe surface dry and then repeat step 4 to allow for adequate disinfection due to various material and porosity types.
6. Remove disinfectant residue with a solution of mild dish soap/warm water and wipe dry to minimize the harmful effects of chemical disinfectant residues. Not doing so will accelerate degradation of materials over time.
7. Reattach syringe head to syringe body (by screwing).